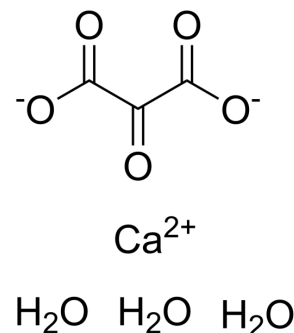


Calcium mesoxalate trihydrate

Cat. No.:	HY-W540188A
Molecular Formula:	C ₃ H ₆ CaO ₈
Molecular Weight:	210.15
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Calcium mesoxalate trihydrate (Ketomalonic acid; Mesoxalic acid; Oxomalonic acid) can promote B cell proliferation and has potential anti-diabetic activity. Derivatives of Calcium mesoxalate trihydrate also inhibit the translocation of HIC-1 reverse transcriptase^{[1][2]}.

REFERENCES

[1]. KOBAYASHI Y, OHASHI S, TAKEUCHI S, et al. Toxicity of mesoxalates and histological observations after continuous administration[J]. The Japanese Journal of Pharmacology, 1955, 4(2): 111-117.

[2]. Bernatchez J A, Paul R, Tchesnokov E P, et al. Derivatives of mesoxalic acid block translocation of HIV-1 reverse transcriptase[J]. Journal of Biological Chemistry, 2015, 290(3): 1474-1484.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA